

Wm. W. Hargreaves
comptroller

Annual Report

OF THE

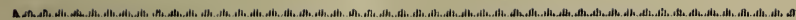
Medical Officer of Health

TO THE

Cannock Rural District Council

FOR THE YEAR 1895.

CANNOCK :
PRINTED BY A. WITHINGTON, STATIONER, MARKET PLACE.



Annual Report

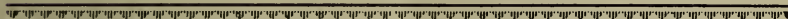
OF THE

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Cannock Rural District Council

FOR THE YEAR 1895.



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

TO THE

CANNOCK RURAL DISTRICT COUNCIL

FOR THE YEAR 1895.

To the Chairman & Members of the Cannock Rural District Council.

MY LORD AND GENTLEMEN,

I have the honour of laying before you my Review of the Sanitary Work for 1895, with the Statistics of Mortality and Sickness.

ESTIMATES OF POPULATION.

Population.

BREWOOD SUB-DISTRICT.

Brewood ...	2556	Dunston ...	250
Bushbury ...	2450	Stretton ...	220
Penkridge ...	2330	Teddesley ...	110
Lapley ...	790	Coppenhall ...	110
Church Eaton ...	575	Featherstone ...	50
Acton & Bednall...	468	Kinvaston... ..	24

TOTAL 9,933.

Mainly agricultural. In Bushbury we have the artizan element in the Electrical Works and in the service of the Railway Companies.

CANNOCK (Rural) SUB-DISTRICT.

Cheslyn Hay ...	2180	Shareshill... ..	350
Essington ...	1420	Saredon	270
Great Wyrley ...	1230	Huntington ...	200
Hatherton ...	485	Hilton	65

TOTAL 6,200. A mining community.

TOTAL for entire District 16,133.

Births.

BIRTHS IN YEAR 518.

Males, 277. Females, 241. General Birth Rate, 32·10.

1894	...	34·21	1890	...	26·8
1893	...	31·75	1889	...	26·8
1892	...	27·6	1888	...	26·2
1891	...	28·8	1887	...	28·3
		1886	...	29·6	

CANNOCK Birth Rate 38·5

1894	...	42·2	1891	...	38·1
1893	...	38·2	1890	...	30·1
1892	...	31·6	1889	...	33·8

BREWOOD Birth Rate 28

1894	...	29	1891	...	22
1893	...	27	1890	...	24
1892	...	25	1889	...	22

Deaths.

DEATHS IN YEAR 265.

Males, 137. Females, 128. General Death Rate, 16·42

1894	...	15	1890	...	13
1893	...	17	1889	...	13
1892	...	15	1888	...	13
1891	...	16	1887	...	15
		1886	...	15	

The exact working out of the Death Rate is a matter of difficulty, owing to the remoteness of the last census, and the calculation of the population to date. The figure for 1891 is correct (16), and I think the estimate for 1895 is fairly so. The Death Rates in Staffordshire in Rural Districts in 1892, 1893, and 1894 varied from 17·9 to 15·4. We, in our district, for the past year, strike a fair average, and when we consider its composition—miners, artisans, and labourers—with the depression in trade, the risks in the collieries, and the large proportion of infant mortality, there is no reason to look upon the Death Rate of 1895 as a high one.

CANNOCK Death Rate 12·74

1894	...	15	1891	...	16
1893	...	15	1890	...	12
1892	...	18	1889	...	12

BREWOOD Death Rate 18·72

1894	...	15	1891	...	16
1893	...	19	1890	...	13
1892	...	14	1889	...	12

Mortality as to time of year :—								Quarterly Mortality.
Cannock.						Brewood.		
			1895		1894			
1st Quarter	...		27	...	36	55	...	41
2nd	„	...	21	...	29	53	...	45
3rd	„	...	15	...	13	37	...	35
4th	„	...	16	...	16	41	...	31
			<hr/>		<hr/>	<hr/>		<hr/>
			79		94	186		152

Mortality at the various ages :—							Age Mortality.
Cannock.			Brewood.		Totals.		
Under 1 year	...	27	...	43	...	70	
1 year to 5 ...	...	7	...	15	...	22	
5 years to 15	...	2	...	8	...	10	
15 years to 25	...	4	...	5	...	9	
25 years to 65	...	15	...	57	...	72	
Over 65 years	...	24	...	58	...	82	
		<hr/> 79		<hr/> 186		<hr/> 265	

Percentage of Total Deaths :—						
Cannock Mortality under 1 year	...	...	34	per cent.		
Brewood „ „	...	...	23	„		

IN 1894.

Cannock ... 32 per cent. | Brewood ... 17 per cent.

Cannock Mortality (ALL Deaths to 5 yrs.) ... 43 per cent.

Brewood „ „ „ ... 31 per cent.

IN 1894.

Cannock ... 37 per cent. | Brewood ... 20 per cent.

Infant Mortality Rate.—Entire District.					Infant Death Rate.
In 1895	...	...	...	4·33	
In 1894	...	...	...	4·1	„
In 1893	...	...	...	4·43	„
In 1892	...	...	...	4·2	„

Causes of Death in Infants ... 70

				Cannock.	Brewood.
Zymotic	{	Diarrhoea	...	0	3
4	{	Erysipelas	...	0	1
Chest	{	Bronchitis	...	2	5
18	{	Pneumonia	...	3	7
	{	Pulmonary Congestion	...	0	1
Nervous	{	Convulsions	...	7	5
System	{	Dentition	...	1	1
16	{	Brain Disease	...	1	1
	{	Premature Birth	...	0	3
26	{	Debility from Birth	...	7	10
	{	Marasmus	...	2	0
	{	Mesenteric Disease	...	2	2
		All other causes	...	2	4
				27	43-70

				1895	1894	1893
Zymotic Causes (Infants)	...	4	...	2	...	11
Chest	"	"	...	18	15	9
Nervous System	"	"	...	16	11	13

1 Year to 5. Causes of Death in children—1 year to 5 ... 22

				Cannock.	Brewood.
Zymotic	{	Diarrhoea	...	1	0
3	{	Diphtheria	...	0	2
Chest	{	Bronchitis	...	1	3
11	{	Pneumonia	...	3	3
	{	Phthisis...	...	1	0
Nervous	{	Convulsions	...	0	1
System	{	Dentition	...	0	2
4	{	Brain Disease	...	0	1
		All other causes	...	1	3
				7	15

				1895	1894	1893
Zymotic Causes (1 to 5)	...	3	...	3	...	13
Chest	"	"	...	11	5	not re-
Nervous System	"	"	...	4	2	corded.

Over 65 Yrs. Mortality over 65 years.—Per Centage of Total Deaths.

Cannock Mortality over 65	...	30 per cent.
Brewood	"	31 per cent.

IN 1894.

Cannock ... 26 per cent. | Brewood ... 44 per cent.

IN 1893.

Cannock ... 18 per cent. | Brewood ... 38 per cent.

In the first time for many years the longevity table is fairly approximate in the mining and agricultural districts.

Mortality Rate (over 65), entire District, 5·08 per 1000

In 1894 ... 5·7 | In 1893 ... 5·37 | In 1892 ... 4·8

Parish Death Rate Table, per 1000.

			Parish Death Rates.		
Great Wyrley	...	8·9	Church Eaton	...	15
Teddesley	...	9	Essington	...	15
Stretton	...	9	Lapley	...	16
Acton and Bednall	...	10	Coppenhall	...	18
Bushbury	...	14	Penkridge	...	20
Cheslyn Hay	...	14	Shareshill	...	20
Hatherton	...	14	Brewood	...	24
Dunston	...	...	...	...	28

Average Death Rate for the last 4 years in the larger Parishes.

Church Eaton	...	10	Cheslyn Hay	...	16
Bushbury	...	13	Lapley	...	18
Essington	...	14	Hatherton	...	18
Great Wyrley	...	14	Brewood	...	20
Penkridge	...	16	Shareshill	...	20
Acton and Bednall	...	...	...	...	16

Mortality from Infectious Diseases.

		Cannock.		Brewood.		Totals.	Infectious Diseases Mortality.
Influenza	...	1	...	6	...	7	
Puerperal Fever	...	1	...	1	...	2	
Scarlet Fever	...	1	...	0	...	1	
Diarrhœa	...	1	...	3	...	4	
Diphtheria	...	0	...	4	...	4	
Typhoid Fever	...	0	...	1	...	1	
Erysipelas	...	0	...	1	...	1	
		4		16		20	

Zymotic Death Rate ... 1·2 per 1000

1894	...	·6	1891	...	1·13
1893	...	1·9	1890	...	·9
1892	...	1·8	1889	...	1·2
1888	...	...	·6		

DEATHS.—Influenza.				Puerperal Fever.		Scarlet Fever.	
Brewood	...	6		Bushbury	...	1	Cheslyn Hay...1
Hatherton	...	1		Hilton	...	1	

Diarrhœa.

Penkridge, 1. Bushbury, 1. Brewood, 1. Great Wyrley, 1.

Diphtheria.

Penkridge, 2. Brewood, 1. Bushbury, 1.

Erysipelas.—Lapley, 1.

Typhoid.—Penkridge, 1.

General
Mortality.

Mortality from the Principal Diseases.

Cannock. Brewood. Totals. Totals in
1894.

Zymotic Diseases	...	4	...	16	...	20	...	11		
Chest Diseases 82	{	Bronchitis	14	...	22	...	36	...	29	
		Pneumonia	9	...	17	...	26	...	20	
		Phthisis	...	3	...	15	...	18	...	6
		Pulmonary Congestion	2	...	2	Croup	4-59			
Liver Disease	...	...	0	...	0	...	0	...	3
Kidney Disease	...	...	0	...	7	...	7	...	6
Heart Disease	...	...	9	...	15	...	24	...	33
Brain Disease	...	...	3	...	14	...	17	...	26
Cancer	...	...	1	...	19	...	20	...	12
Convulsions	...	...	7	...	6	...	13	...	11
Accident	...	...	3	...	6	...	9	...	11
Old Age...	...	...	5	...	12	...	17	...	15
Puerperal Convulsions...	...	...	0	...	1	...	1	...	—
Epilepsy...	...	...	2	...	2	...	4	...	—
Rheumatic Fever	...	...	2	...	0	...	2	...	—
Infantile-38	{	Debility from birth								
		Marasmus	...							
		Mesenteric Disease	...	15	...	23	...	38	...	26
		Intestinal Catarrh	...							
Dentition	...									
All other causes	...	...	2	...	9	...	11	...	33
			79	...	186	...	265	...	246	

Chest Diseases rose from 59 to 82.

Cancer, in the agricultural districts, is responsible for 19 out of 20 deaths.

Phthisis, for 15 out of 18 deaths.

Brain Diseases, for 14 out of 17 deaths.

New Cases of Sickness.			1895.	1894.	Sickness.
Small Pox	...	...	0	3	
Membranous Croup	...	...	0	7	
Scarlet Fever	...	...	73	127	
Diphtheria	...	...	11	5	
Typhoid Fever	...	...	14	4	
Erysipelas	...	...	17	13	
Measles	...	...	60	20	
Whooping Cough	...	...	50	20	
Diarrhoea	...	...	40	15	
Pyæmia	...	...	1	1	
Febricula	...	...	18	8	
Puerperal Fever	...	...	2	2	
Influenza	...	...	50	20	
			336	245	
Registered Cases of Notifiable Diseases, minus Measles.					
1895	...	117.	1892	...	57.
1894	...	159.	1891	...	145.
1893	...	182.	1890	...	238.
Average for the 5 years			...	156.	

The question of Hospitals for the Isolation of Infectious Cases is one that is demanding earnest attention, and the County Council is taking steps to secure, if possible, the combined action of the Sanitary Authorities, with a view of forming Hospital areas. In some of our larger parishes, a scheme of central Hospitals, with a good equipment of nursing and ambulance staffs, would work well, whilst in the more remote and sparsely populated districts, Cottage Isolation might answer the purpose. As at present worked, the Hospital at Cannock is for Small Pox only. It is not suitable for a General Infectious Hospital, but it has served a most useful purpose, and probably saved much to the ratepayers.

Scarlet Fever in the District:—				Scarlet Fever in the Hospital for Fevers.		
Cases	73	In 1894	...	127
Deaths	1	„	...	3
Houses infected	43	„	...	64

1st Quarter—9 Cases—

Mostly in Bushbury and Great Wyrley. Infection was existent in these parishes in the latter end of 1894.

2nd Quarter—11 Cases—

Five cases in Lapley, and 4 in Cheslyn Hay, the latter all occurring in one household.

3rd Quarter—22 Cases—

Mostly in Bushbury and Penkridge; isolated cases in Cheslyn Hay and Great Wyrley.

4th Quarter—31 Cases—

In Bushbury, Lapley, Stretton, and Penkridge, infection traceable from children attending school in Wolverhampton. One case in Wyrley had been removed to the Wotton Infectious Hospital, prior to my receiving the notification.

I closed the schools in Lapley and Stretton for a month, a case occurring at the school-house in Wheaton Aston, and in Stretton Parish Diphtheria co-existing with Scarlet Fever. I visited the main centres of infection, and in all cases instructed the Inspector to supervise the sanitary surroundings, and to give his attention to school attendance, to isolation as far as practicable, to fumigation of infected rooms and clothes, and to the lime-washing of houses.

Diphtheria.

Diphtheria in the District:—

Cases	...	...	11	In 1894	...	5
Deaths	...	...	4	"	...	2
Houses infected			11	"	...	5

A case at Crown Bridge, Penkridge; here I considered the brook was at fault, and the only remedy appears to be a scheme of drainage, in order to check brook pollution.

In a case at Gorse Brook I reported on the filthy condition of a brook at the back of the garden.

Impure water in Market Place, Penkridge, caused the death of a girl at Preston Vale.

In a fatal case at Pillaton polluted water had no doubt been taken, although the house well had not long before been overhauled, and was probably not answerable for this outbreak.

In a case at "The Home," Penkridge, the water was condemned by an analyst. The drainage was put in proper order, and good water provided.

In a case at Whiston I condemned the closet as being the probable cause leading to offensive smells in a dairy near at hand. This has been remedied.

In a case at Stretton I condemned the ashpits and pigstyes, and the well was cleared of a lot of rotten timber. The children attended Stretton Schools, although I find the house is in Brewood Parish.

At Shutt Green, Brewood, I found no water supply. The water used came from a neighbouring farm house, where suspicious circumstances surrounded the water supply.

In my Report for 1894 I stated with reference to Influenza—"I see no reason to suppose that we have heard the last of this rapidly-spreading disease." In 1895 I have to report 7 deaths—6 in Brewood, and 1 in Hatherton.

Influenza.

Diarrhœa was answerable for 4 deaths. In this connection I would suggest that the Council should contract for the removal of house refuse in Cheslyn Hay and the larger villages, as they have done in Bushbury.

Diarrhœa.

Typhoid Fever:—

Cases	14	In 1894 ...	4
Deaths	1	„ ...	0
Houses infected	11	„ ...	3

Typhoid
Fever.

Eight of these cases occurred in Great Wyrley, in the earlier part of the year. Bad water was largely answerable for this, and in some of the cottages there was a soaking of closet refuse through the walls of the wash-house, leading to serious nuisances. These matters received attention, and the houses were disinfected and cleansed.

The question of Water for Great Wyrley and Cheslyn Hay is engaging the serious consideration of the Local and District Council. The population is on the increase, and the present facilities for water are totally inadequate to meet the just demands of the people. There is a great element of danger to the public health at the present moment.

Water Supply

Vaccination is carried out in our district with little friction, and the returns are satisfactory. The Officials are zealous in their work, and the Guardians may be congratulated on the results of their labours.

Vaccination.

The Parish of Great Wyrley has provided a Cemetery, which has received the approval of the Home Office, and which I duly inspected at the request of the Government Office and of the local Parish Council. The old Wyrley churchyard is overcrowded with graves, and would have become a detriment to public health. The Cheslyn Hay Parish Council has also taken measures to provide a commodious and well-situated burial ground.

Cemeteries.

Inspector's Summary :—

Overcrowding	...	...	...	...	1
Unfit for Habitation	...	...	...	...	3
Dairies and Milk Shops inspected	...	...	...	...	39
Cowsheds inspected	...	...	...	...	39
Ashpits and Privies	...	...	...	...	11
House Drainage	...	...	...	...	31
Water Supply	...	...	...	...	11
Canal Boats inspected	...	...	...	...	30
Houses disinfected	...	...	...	...	55
Visits for Infectious Disease	...	...	...	...	85
Foul conditions and structural defects in dwelling houses	...	...	...	...	9
Bakehouses inspected	...	...	...	...	10
Houses disinfected and Visits paid in infectious cases (as above)	...	...	...	...	140

Uncertified
Deaths.

Causes of such—Cannock, 3 :—

Heart Disease, 1. Debility from Birth, 1. Epilepsy, 1.

Brewood, 20 :—

Debility from Birth, 4. Bronchitis, 3. Heart Disease, 2.
 Mesenteric Disease, 2. Convulsions, 2. Old Age, 2.
 Cancer, 2. Pneumonia, 1. Gout, 1. Kidney Disease, 1

Percentage of Total Deaths.

1895	...	8.6.	1892	...	3.9.
1894	...	3.2.	1891	...	3.
1892	...	4.4.	1890	...	3.9.

There is thus a surprising increase, and nearly all the cases are in the Brewood District, 13 being in Brewood Parish.

I beg to enclose the usual Tables (A and B), and to remain,

MY LORD AND GENTLEMEN,

Your Obedient Servant,

WM. HOSEGOOD, M.B., C.M.,

Medical Officer of Health,

Cannock Rural District Council.

CANNOCK RURAL SANITARY AUTHORITY.

(A) TABLE OF DEATHS during the Year 1895, in the Rural Sanitary District of Cannock; classified according to DISEASES, AGES, and LOCALITIES

TABLE OF DEATHS during the Year 1895, in the Rural Sanitary District of Cannock, Staffs.																																
NAMES of LOCALITIES adopted for the purpose of these Statistics; public institutions being shown as separate localities.	MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES.							i	MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE																							
	At all Ages.	Under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 35	65 and upwards.		Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup	FEVERS.						Cholera.	Erysipelas.	Measles.	Whooping Cough.	Diarrhoea and Dysentery.	Rheumatic Fever.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Influenza.	Injuries.	All other Diseases.	TOTALS.	
													Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.															
a	b	c	d	e	f	g	h		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
CANNOCK (Rural).	79	27	7	2	4	15	24	Under 5 5 upwds.		1							1					1	2	1	2	9	14	9	1	3	23	34
BREWOD	186	43	15	8	5	57	58	Under 5 5 upwds.			2	2			1		1		1			3		15	18	21	15	6	1	5	33	58
Totals ... {	265	70	22	10	9	72	82	Under 5 5 upwds.		1	2			1			2		1			4	2	1	17	27	35	24	7	8	56	92

(B)	TABLE OF POPULATION, BIRTHS, and of NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the year 1895, in the Rural Sanitary District of Cannock; classified according to DISEASES, AGES, and LOCALITIES.						
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(B)

TABLE OF POPULATION, BIRTHS, AND DEATHS, IN THE RURAL SANITARY DISTRICT OF CANNOCK; CLASSIFIED ACCORDING TO DISEASES, AGES, AND LOCALITIES.
the year 1895, in the Rural Sanitary District of Cannock; classified according to Diseases, Ages, and Localities.

NAMES OF LOCALITIES adopted for the purpose of these Statistics; Public Institutions being shown as separate localities.	POPULATION AT ALL AGES.		Registered Births.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.													NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITAL.		
	Census 1891.	Estimated to middle of 1895.		Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	FEVERS.					Cholera.	Erysipelas.	Measles.	Bronchitis, Pneumonia.			
								Typhus.	Enteric or Typhoid.	Contin- ued.	Relapsing.	Puerperal.							
																	5	6	7	8	9	10	11	12	13
a	b	c	d	e	1	2	3	4	5	6	7	8	9	10	11	12	13		
CANNOCK (Rural).	5931	6200	239	Under 5 5 upwds.		6 16				8			1		10				
BREWOD.	9963	9933	279	Under 5 5 upwds.		14 37	2 9			6			1		1 6				
TOTALS {	15894	16133	518	Under 5 5 upwds.		20 53	2 9			14			2		1 16				
H.—The Small Pox Hospital receives Small Pox from the Rural and Urban Districts; is on the confines of the Rural District, and in the Cannock Urban area.																			

Annual Report of Medical Officer of Health, 1895.

RURAL SANITARY DISTRICT OF CANNOCK.

B. New Cases of Infectious Siekness eoming to the knowledge of the Medical Officer of Health during the year 1895, enumerating the Number of Honses infected, Total Number of Deaths, also the Number of Cases Treated, and the Deaths that occurred in Infectious Hospitals.

		Smallpox.	Scarlatina.	Diphtheria.	Membranous Group.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Puerperal Fever.	Cholera.	Erysipelas.	Measles.	Whooping Cough.
Houses infected.....			43	11			11			2		17	40	25
Total cases reported among persons belonging to District.....	Under 5... 5 & upwds.		20 53	2 9			14			2		1 16	25 35	32 18
Total deaths reported among persons belonging to District.....	Under 5... 5 & npwds.		1	2 2			1			2		1		
Cases treated in Hospital among persons belonging to District.....	Under 5... 5 & npwds.		1											
Deaths occurring in Hospital among persons belonging to District.....	Under 5... 5 & upwds.													

Is "Notifieation of Infectious Diseases" Compnlory in the District? Yes. Since when? December, 1889.

Is Measles iueluded among the Diseases notified? No.

Is Whooping Cough " " " No.

Is an Isolation Hospital available for the District? Yes; for Smallpox.

Area of Distriet in Acres? 52,222.

(Signed), Wm. HOSEGOOD, M.B., M.O.H.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE

Rural Sanitary District of

(A) Deaths registered during the year 1895, classiffed according to Diseases, Ages, and Localities; showing also the

NAMES of LOCALITIES adopted for the purpose of these Statistics; Public Institutions being shown as separate Localities.	Population.		Registered Births.			Deaths from all causes at subjoined ages.														
	Census, 1891.	Estimated to middle of 1895.	Males.	Females.	Total.	At all ages.			Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.						
						Males.	Females.	Total.												
CANNOCK (Rural)	5931	6200	131	108	239	46	33	79	27	7	2	4	15	24	Under 5					
															5 and upwards		1			
BREWOD	9963	9933	146	133	279	91	95	186	43	15	8	5	57	58	Under 5				2	
															5 and upwards				2	
TOTALS ...	15894	16133	277	241	518	137	128	265	70	22	10	9	72	82	Under 5				2	
															5 and upwards		1		2	

MAGISTRAL OFFICER OF HEALTH, 1895.

Cannock.

Also the Population of such Localities and the Births therein during the year.

Mortality from subjoined causes, distinguishing deaths of Children under 5 years of age.

Fevers.					Cholera.	Erysipelas.	Measles.	Whooping Cough.	Diarrhea or Dysentery.	Rheumatic Fever.	Ague.	Phthisis.	Bronchitis, Pneumonia & Pleurisy.	Heart Disease.	Injuries.	All other Diseases.
Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.												
				1					1			1	9			23
										2		2	14	9	3	13
						1			3				18		1	33
	1			1								15	21	15	5	68
	1					1			4			1	27		1	56
				2						2		17	35	24	8	81

(Signed) W. HOSEGOOD, M.B., M.O.H.

